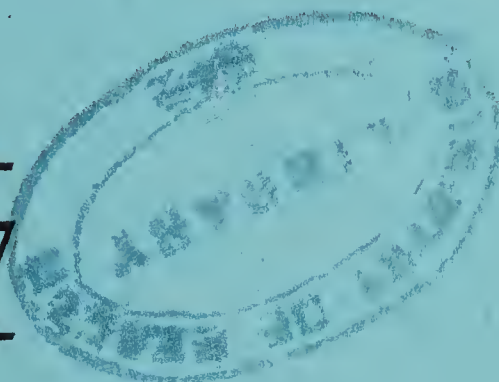


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CITY OF HEREFORD

1947



# Annual Report

OF THE

Medical Officer of Health

BY

E. DUNBAR TOWNROE

M.R.C.S., L.R.C.P., D.P.H.

THE SHIP PRESS, ROSS ROAD, HEREFORD.



# CITY OF HEREFORD

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## HEALTH COMMITTEE

Alderman T. LINDSEY PRICE, Mayor.

Councillor Mrs. J. AINSLIE, Chairman.

Councillor Rev. L. J. B. SNELL, Deputy Chairman.

Alderman R. C. MONKLEY.

Councillor E. W. LANGFORD.

Councillor Mrs. W. M. RUTHERFORD COLLINS.

Councillor J. T. HUTTON.

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## MATERNITY AND CHILD WELFARE SUB-COMMITTEE

Alderman T. LINDSEY PRICE, Mayor.

Councillor Mrs. J. AINSLIE, Chairman.

Councillor Rev. L. J. B. SNELL, Deputy Chairman.

MEMBERS OF THE HEALTH COMMITTEE, with Mesdames  
H. T. FISH, M. D'LOIRA and T. M. PEARCE.

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## HOUSING ACTS COMMITTEE

Alderman T. LINDSEY PRICE, Mayor.

Alderman W. PIGOTT, Chairman.

Councillor R. BROWNBIDGE.

Councillor A. E. FARR.

Councillor H. E. PILE.      Councillor Rev. L. J. B. SNELL

Councillor T. H. WATKINS.

with Messrs. A. POWELL and H. C. WATKINS and Mrs. B. A. BARKER

T. B. FELTHAM, Town Clerk.

PUBLIC HEALTH DEPARTMENT,

TOWN HALL ANNEXE.

*TO THE  
RIGHT WORSHIPFUL THE MAYOR, ALDERMEN  
AND COUNCILLORS OF THE CITY OF HEREFORD*

I have the honour to submit to you the Annual Report on the City for the year 1947.

In this report facts and figures dealing with all relevant material connected with the Health Department are included. There have been no epidemics, but rather, in every direction of the Public Health of this City the figures show an improvement on the previous year, good as that was. The Birth-rate is 22. compared with 20.4 for 1946. The Infantile Mortality-rate is 30.6 compared with 40.6 for 1946. Both these figures compare favourably with that of other towns of a similar size.

I call your attention to the marked improvement in the decrease in Diphtheria during the past year, this is satisfactory following on our campaign during the recent years both by way of propaganda and immunisation against this dreaded disease.

The Home Help Scheme, which your authority was the first to adopt, has proved increasingly popular, and is likely to increase as an essential service.

Further, with the coming into force of the National Health Act of 1946, on July 5th, 1948, this City will lose control of the Public Health Department, which will be merged with that of the County ; this will be a momentous event in the history of this City.

I have once again to express my appreciation of the manner in which all the members of the staff have co-operated with, and assisted me generally. For their loyalty and invariable cheerfulness in performing their duties, no praise could be too high. I would also like to put on record the valuable work of the voluntary workers who have given their time at the various clinics.

I am,

Your obedient servant,

E. DUNBAR TOWNROE, M.R.C.S., L.R.C.P., D.P.H.



1947

<i>Name and Qualifications.</i>	<i>Office held.</i>	<i>Whole or Part</i>	<i>Other Public Office.</i>
E. DUNBAR TOWNROE, M.R.C.S. L.R.C.P., D.P.H.	Medical Officer of Health	Part	Medical Atten- dant, City Isolation Hosp.
H. WARD-SMITH, M.B., Ch.B.	Physician, Infant Welfare Clinic	Part	
WM. AINSLIE, M.D., F.R.C.S., Ed.	Consulting Gynaecologist Physician, Ante-Natal Clinic.	Part	
F. G. D. CHALMERS, M.A., B.Sc., F.I.C.	City Public Analyst.	Part	
J. LEACH, Cert. R.S.I., M.S.I.A.	Chief Sanitary Inspector.	Whole	
Miss E. M. NORMAN, Cert. C.M.B. and R.S.I.	Senior Health Visitor.	Part	

## STATISTICS AND SOCIAL CONDITIONS OF THE AREA.

### Registrar-General's Estimate of Resident Population 1947 :—

(b) For calculation of Death-Rate	...	31,870
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Rateable Value	...	...	...	...	...	£249,795
----------------	-----	-----	-----	-----	-----	----------

Sum represented by a penny rate	...	...	...	£992
---------------------------------	-----	-----	-----	------

## VITAL STATISTICS.

			<i>Total.</i>	<i>Males.</i>	<i>Females.</i>
Live Births—Legitimate	...	...	640	327	313
Illegitimate	...	...	46	22	24
Still Births	...	...	16	7	9
Rate per 1,000 total (live and still) births	...	...			22.
Death Rate per 1,000 of the estimated resident population					12.4
Death Rate of Infants under one year of age—					
All Infants per 1,000 live births	...	...			30.6
Legitimate Infants per 1,000 legitimate live births	...	...			28.
Illegitimate Infants per 1,000 illegitimate live births	...	...			65.2
Deaths from Cancer (all ages)	...	...			58.
Deaths from Whooping Cough (all ages)	...	...			Nil
Deaths from Diarrhoea (under 2 years)	...	...			Nil

## SECTION B.

**GENERAL PROVISION OF HEALTH SERVICES FOR THE AREA.**

There have been no developments or changes during the year in the following services :—

LABORATORY FACILITIES.

AMBULANCE FACILITIES.

NURSING IN THE HOME.

**MATERNITY AND CHILD WELFARE.**

MIDWIVES.—Midwives practising in the City (apart from hospitals)—8.

MATERNAL MORTALITY—1.

PUERPERAL MORBIDITY.—There were 11 cases of Puerperal Pyrexia.

## VISITS TO HOMES OF INFANTS BY HEALTH VISITORS.

First Visits	...	...	...	587
Second Visits	...	...	...	568
Third Visits	...	...	...	459
Fourth Visits	...	...	...	258
Fifth and subsequent Visits	...	...	...	197
				—
Total	...	...	...	2,069
				—
Visits to Infants between 1 and 5 years	...	...	...	1,651
Visits to Expectant Mothers—				
First Visits	...	...	...	97
Total Visits	...	...	...	164

## INFANT FEEDING.

At 587 " Birth " visits it was found that 198 (33.7) were entirely breast-fed and 389 (66.3) were bottle fed.

5,751 lbs. of dried milk were issued at cost price for infant feeding.

#### MATERNITY AND CHILD WELFARE CENTRE.

824 mothers made 7,648 attendances ; 57 of the mothers came from the Rural District.

Children under 1 year made 5,536 attendances, and between 1 and 5 years, 2,237 attendances, 103 children made 618 attendances at the Toddlers' Clinic.

47 children under 1 year made 210 attendances and 241 children 1 to 5 years made 601 attendances for treatment at the Minor Ailment Clinic.

#### ANTE-NATAL CLINIC.

374 expectant mothers made 2,184 attendances. Of these 32 were from the Rural District.

#### DENTAL TREATMENT.

70 mothers made 98 attendances and 61 children under 5 years made 64 attendances.

#### NOTIFICATION OF BIRTHS.

Live Births notified	...	...	...	1,251
Still Births notified	...	...	...	16
				<hr/>
Total	...	...	...	1,267
				<hr/>

469 notifications were transferred out to other M. and C.W. Areas.

#### INFANTILE MORTALITY.

21 Infants died before reaching the age of 12 months. The Infantile Mortality Rate per 1,000 live births was 30.6. The Infantile Mortality Rate for England and Wales was 41.

The causes of death were :—

			<i>Males.</i>	<i>Females.</i>
Whooping Cough	...	...	—	—
Broncho Pneumonia	...	...	3	—
Malformation	...	...	6	7
Prematurity	...	...	3	1
Gastro-enteritis	...	...	—	—
Other Causes	...	...	—	1
			<hr/>	<hr/>
Total	...	...	12	9
			<hr/>	<hr/>

**(The Chief Sanitary Inspector's Report is embodied in Sections C, D and E.)**

## SECTION C.

**SANITARY CIRCUMSTANCES IN THE AREA.**

## WATER SUPPLY.

## CORPORATION WATERWORKS.

The supply is taken from the river Wye and treated by settlement, filtration through slow sand filters and chlorination. Samples were submitted regularly for Bacteriological Examination.

The following mains extensions were carried out :—

6" Main, Brickyards Camp, Tupsley	700 yards
3" Main, Overbury Road	120 yards
3" Main, Backbury Road	40 yards
3" Main, Norton Avenue	50 yards
2" Main, Painter Bros., Mortimer Road	625 yards

The water supply to the area has been satisfactory (a) in quality, (b) in quantity.

## BACTERIOLOGICAL EXAMINATIONS.

## CITY SUPPLY

Fifty-two samples of the treated water were submitted for examination at regular intervals.

Streptococci were absent from 10.0 ml. in all samples.

Coliform bacilli were absent from 100 ml. in 51 samples.

The report on the remaining sample is given below with the date of the subsequent samples showing B. Coli absent.

Sample No. Dated.	Probable number of coliform bacilli, MacConkey 2 days 37° C. per 100 ml.	Approximate proportions of Faecal and Non-Faecal coli.	
		Faecal coli per cent.	Non-faecal coli per cent.
14242/47 8th December, 1947	3	25	75
14335/47 10th December, 1947	0	0	0

In connection with the unsatisfactory sample immediate contact and co-operation with the City Engineer brought about normal conditions.

## R.A.F. SUPPLY, CREDENHILL.

Eleven check samples were taken throughout the year. In all samples B. Coli were absent in 100 ml. and streptococci were absent from 10.0 ml.



The result of a chemical and mineral analysis is given below:

## MINERAL ANALYSIS

### MINERAL CONSTITUENTS.

						<i>Parts per</i> 100,000
Silica	...	...	...	...	...	1.400
Carbonate	...	...	...	...	...	2.300
Sulphate	...	...	...	...	...	0.900
Chloride	...	...	...	...	...	1.200
Nitrate	...	...	...	...	...	Trace
Calcium	...	...	...	...	...	1.700
Magnesium	...	...	...	...	...	0.100
Sodium	...	...	...	...	...	0.800
						<hr/> 8.400
Fluorine	...	...	...	...	...	Absent
Dissolved carbon dioxide	...	...	...	...	...	0.200

### PROBABLE COMBINATIONS.

Silica	...	...	...	...	...	1.400
Calcium Carbonate	...	...	...	...	...	3.800
Calcium Sulphate	...	...	...	...	...	0.700
Magnesium Sulphate	...	...	...	...	...	0.500
Sodium Chloride	...	...	...	...	...	2.000
						<hr/> 8.400

pH value=7.23

### CHEMICAL ANALYSIS.

						<i>Parts per</i> 100,000
Free and Saline Ammonia	...	...	...	...	...	0.0024
Albuminoid Ammonia	...	...	...	...	...	0.0088
Chlorine in Chlorides	...	...	...	...	...	1.200
Nitrogen in Nitrates and Nitrites	...	...	...	...	...	Trace
Oxygen absorbed from Permanganate at 80° F. in 4 hours	...	...	...	...	...	0.149
Total solids dried at 100° C.	...	...	...	...	...	10.000
Hardness	{	Temporary	...	...	...	0.800
Soap test.		Permanent	...	...	...	8.000
		Total	...	...	...	8.800
Appearance—Bright, many small Particles.						
Nitrite	...	...	...	...	...	Absent
Fluorine	...	...	...	...	...	Absent

## REPORT.

“ These results, by comparison with past figures, shew that chemically the high quality of the water has been well maintained and that it is suitable for drinking and all domestic purposes.

The mineral composition of the water shews practically no variation from the results of previous years. The water is a safe one and suitable for most industrial purposes without further treatment.

(Signed) BOSTOCK, HILL & RIGBY,  
Public Analysts,  
Birmingham.

6th May, 1947.”

All premises in the City, with the exception of 7 houses supplied from wells, receive the supply direct from the Corporation water mains.

## WELL WATER.

At the end of the year 7 houses were supplied by 5 wells.

## DRAINAGE AND SEWERAGE.

Small sewer extensions were carried out at Norton Avenue and Backbury Road to serve new dwelling houses. The provisions of the Public Health Act, 1936, and Hereford Corporation Act, 1936 are operated to maintain the drainage of private properties.

## CLOSET ACCOMMODATION.

There are 74 dwelling houses and one factory (saw mill) all outside the City Sewerage System making use of conservancy closets. All other premises are provided with water closets.

## PUBLIC CLEANSING AND SALVAGE.

No change in procedure. The bulk of the refuse is disposed of by incineration, controlled tipping being resorted to during repairs and overhauling of the destruction plant.

Salvage of scrap metals, etc., and the collection and cooking of kitchen waste has continued during the year.

## SANITARY INSPECTION OF THE AREA.

The number and nature of inspections and visits made by the staff of the Health Department during the year were as follows :

Nuisances (including inspections of drainage, sewers, sanitary conveniences and dustbins)	913
Housing—	
General ... ..	177
Building Licences ... ..	814
Requisitioning of Properties ... ..	35

Tents and Vans ... ..	11
Infectious Disease ... ..	130
Factories Act ... ..	74
Outworkers ... ..	14
Food Preparing Places, including bakehouses...	463
Unsound Food ... ..	324
Ice Cream Premises ... ..	101
Dairies, Cowsheds and Milk Shops ... ..	64
Milk (Special Designations) Orders ... ..	23
Public Slaughterhouse ... ..	558
Stables and Piggeries ... ..	10
Offensive Trades ... ..	20
Public Conveniences ... ..	40
Cinemas ... ..	1
Verminous Houses ... ..	12
Smoke Observations ... ..	25
Shops Act ... ..	16
Miscellaneous ... ..	142
Water Supplies ... ..	85
Rodent Control ... ..	33
Food and Drugs Act (Sampling) ... ..	146
Petroleum Acts ... ..	116
Total ... ..	4,374

The following table shows the number of notices served and complied with :—

#### NOTICES SERVED.

Statute.	Notices not complied with at end of 1946	Notices served during 1947		Complied with during 1947	Notices not com- plied with at end of 1947
		Statutory	Informal		
Public Health Act ...	15	25	448	440	48
Factories Act ...	8	11	1	17	3
Shops Act ... ..	1	—	1	1	1
Hereford Corp. Act ...	—	28	25	53	—
Food and Drugs Act...	1	—	31	24	8
Milk and Dairies Order	—	—	9	9	—
City Bye-laws ...	—	—	1	1	—
	25	64	516	545	60
		580			

## NUISANCES AND DEFECTS FOUND.

### HEREFORD CORPORATION ACT, 1936.

Choked Drains	...	...	...	...	...	...	49
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### PUBLIC HEALTH ACT, 1936.

Public Sewers stopped up	...	...	...	...	...	...	15
Drainage defects	...	...	...	...	...	...	29
Defects to Sanitary Conveniences	...	...	...	...	...	...	64
General Nuisances, including Housing defects, burst water pipes and accumulation of refuse, etc.	...	...	...	...	...	...	171
Lack of proper Dustbins	...	...	...	...	...	...	563

### FOOD AND DRUGS ACT, 1938.

Contraventions of Section 13	...	...	...	...	...	...	22
------------------------------	-----	-----	-----	-----	-----	-----	----

### MILK AND DAIRIES ORDER, 1926.

Want of limewashing, etc.	...	...	...	...	...	...	11
---------------------------	-----	-----	-----	-----	-----	-----	----

### FACTORIES ACT, 1937.

Contraventions of Part I.	...	...	...	...	...	...	12
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### SHOPS ACT, 1934.

Contraventions of Section 10	...	...	...	...	...	...	4
------------------------------	-----	-----	-----	-----	-----	-----	---

### BYE LAWS.

Tents, Vans and Sheds	...	...	...	...	...	...	Nil
Waste of Water	...	...	...	...	...	...	Nil

### ERADICATION OF BED BUGS.

Five privately owned and 75 Council houses were disinfected by the use of "Thermatox" fumigators, D.D.T., Gammexane and Lethane 384 Special.

### PUBLIC BATHS.

The water in the swimming pool is filtered and chlorinated. Samples of the water are sent for bacteriological examination monthly. Streptococci were absent from 10.0 ml. in all twelve samples, but coliform bacilli were present in two samples taken on the 2nd and 30th June. Investigation revealed defects in the chlorinating apparatus, which were remedied, and subsequent samples proved satisfactory.

### PUBLIC CONVENIENCES.

All public conveniences in the City are controlled by the Health Committee.



**FACTORIES ACT.****1.—INSPECTIONS FOR PURPOSES OF PROVISIONS AS TO HEALTH.**

<i>Premises.</i> (1)	<i>Number of</i>		
	<i>Inspections</i> (2)	<i>Written Notices</i> (3)	<i>Occupiers Prosecuted.</i> (4)
Factories with Mechanical power	58	10	—
Factories without mechanical power ...	16	1	—
Other Premises (not including Out-workers) ... ..	—	—	—
Total ... ..	74	11	—

**2.—DEFECTS FOUND.**

Particulars.  (1)	Found.  (2)	Remedied.  (3)	Number of Defects.		Prosecu- tions.  (6)
			Referred		
			by H.M. Inspector (4)	to H.M. Inspector (5)	
Want of Cleanliness (S.1)	1	3	—	—	—
Overcrowding (S.2) ...	—	—	—	—	—
Unreasonable Tempera- ture (S.3) ... ..	—	—	—	—	—
Inadequate Ventilation (S.4) ... ..	—	—	—	—	—
Ineffective Drainage of Floors (S.6) ... ..	—	—	—	—	—
Sanitary Conveniences (S.7)—					
Insufficient ... ..	—	2	—	—	—
Unsuitable or Defective	9	10	3	—	—
Not Separate for Sexes	1	1	1	—	—
Other Offences ...	1	1	1	2	—
Total ... ..	12	17	5	2	—

Two cases were found where no abstract of the Act was affixed in accordance with the Act. These cases were notified to H.M. Factories Inspector.

**3.—OUTWORKS PREMISES.**

Number of Visits	...	...	14
Number of Notices	...	...	Nil

## SHOPS ACT—SANITATION.

Number of Visits to Shops ... 16

DEFECTS AND NUISANCES.			<i>Found.</i>	<i>Remedied.</i>
Insufficient Ventilation	...	...	1	—
Unreasonably low temperature	...	...	1	—
Defective sanitary conveniences	...	...	1	—
Insufficient lighting	...	...	1	—
Lack of washing facilities	...	...	1	—
Insufficient sanitary convenience	...	...	—	1
			—	—
Total	...	...	5	1
			—	—

## OFFENSIVE TRADES.

Number recorded in the City—

Felmongers	...	...	...	...	2
Tripe Boilers	...	...	...	...	1
Gut Scrapers	...	...	...	...	1
Rag and Bone Dealers	...	...	...	...	2
Number of Inspections	...	...	...	...	20
Nuisances found	...	...	...	...	1
Nuisances abated	...	...	...	...	1

## RAG FLOCKS ACT.

There are no manufacturers of rag flock in the City.

No samples were taken during the year.

All rag flock used in the City is purchased under warranty to conform to standards of cleanliness laid down by the Regulations of 1912.

## TENTS AND VANS.

Number of occupied vans in the City at end of year 10

Number of visits and inspections ... 11

The sanitation is governed by bye-laws and the Public Health Act, and offences are brought to the notice of owners and occupiers.

During the Annual Fairs all the vans were visited and found satisfactory.

## CAMPING GROUND.

No licences have been granted for the use of any land as a camping site.

## RODENT CONTROL.

Rats and mice destruction has continued systematically and as efficiently as possible. The work at business and commercial premises is fairly satisfactory, but the treatment of, and recovery of costs at private dwellings entails much work and many

complications. A more efficient service could be given at the latter premises, if it were free of charge to the occupiers.

The following summarises the work done during the year :—

No. of premises treated under contracts ... .. 164

No. of premises treated but not under contract ... .. 62

In addition, quarterly treatments have been carried out at Corporation properties, viz. : Sewage Disposal Works, Abattoir, Roads and Sewers Depot and Refuse Destructor Works. Also one maintenance treatment was applied to the City Sewers.

## SECTION D.

### HOUSING.

#### NEW HOUSES.

Number of new houses erected during the year :—

By the Local Authority ... .. 75

By other bodies or persons ... .. 44

#### INSPECTION OF DWELLING HOUSES DURING THE YEAR.

(1) Total number of dwelling houses inspected for housing defects (under Public Health and Housing Acts) ... .. 30

Number of inspections made for the purpose ... .. 125

(2) Number of dwelling houses (included under sub-head 1) which were inspected and recorded under the Housing Consolidated Regulations, 1925, and 1932 ... .. —

Number of inspections made for the purpose ... .. —

(3) Number of dwelling houses found to be in a state so dangerous or injurious to health as to be unfit for human habitation ... .. —

(4) Number of dwelling houses (exclusive of those referred to under 3) found not to be in all respects reasonably fit for human habitation ... .. 30

#### REMEDY OF DEFECTS DURING THE YEAR WITHOUT SERVICE OF FORMAL NOTICES.

Number of dwelling houses rendered fit in consequence of informal action by the Local Authority or their officers ... .. 30

#### ACTION UNDER STATUTORY POWERS DURING THE YEAR.

Proceedings under Sections 9, 10 and 16 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which notices were served requiring repairs ... .. —



(2) Number of dwelling houses which were rendered fit after service of formal notices	...	...	—
By owners	...	...	—
By Local Authority in default of owners	...		—

Proceedings under Public Health Acts :—

(1) Number of dwelling houses in respect of which notices were served requiring defects to be remedied	...	...	...	...	...	4
(2) Number of dwelling houses in which defects were remedied after service of formal notice—						
By owners	...	...	...	...	...	4

Proceedings under Sections 11 and 13 of the Housing Act, 1936 :—

(1) Number of dwelling houses in respect of which Demolition Orders were made	...	...	...	—
(2) Number of dwelling houses demolished in pursuance of Demolition Orders	...	...	...	—

Proceedings under Section 12 of the Housing Act, 1936 :—

(1) Number of separate tenements or underground rooms in respect of which Closing Orders were made	...	...	...	...	...	—
(2) Number of separate tenements or underground rooms in respect of which Closing Orders were determined, the tenement or room having been rendered fit	...	...	...	...	...	—

In addition to the above :

Number of houses closed on an undertaking of the owner under Section 11	...	...	...	—
Number of houses awaiting demolition under Demolition Orders	...	...	...	29
Number of houses demolished under Clearance Orders	...	...	...	—
Number of houses awaiting demolition under confirmed Clearance Order	...	...	...	69

HOUSING ACT, 1936, PART IV, OVERCROWDING.

The survey mentioned in the 1946 Report was discontinued as from 26th July thus leaving the records of accommodation in the City very incomplete.

One hundred and twenty-four families were rehoused by the House Property Manager from overcrowded houses.

CLEARANCE AREAS.

No action has been taken under Section 25, Housing Act, 1936, during the year.



## LICENCES FOR RE-OCCUPATION.

Forty-three condemned houses are subject to licences for temporary occupation, eight for storage purposes and thirty-five for habitation. Five condemned houses are occupied by squatters without licences or consent of owners.

## CONTROL OF CIVIL BUILDING.

Although much of the work under this heading dovetails with the general inspections of the department, nevertheless it has entailed many more inspections being made by the Sanitary Inspectors.

Number of Licences dealt with	...	...	...	1,058
No. of Inspections	...	...	...	814

## SECTION E.

**INSPECTION AND SUPERVISION OF FOOD.**

## MILK SUPPLY.

Number of Dairy Farms in the City	...	...	12
Number of Retail Purveyors of Milk	...	...	66
(a) Resident in the City	...	...	36
(b) Non-Resident in the City	...	...	30

## SPECIAL DESIGNATIONS.

Number of County Producers licensed by County Council purveying Tuberculin Tested Milk in the City	...	...	...	...	...	3
Number of City Producers licensed by the County Council but not retailing milk as Tuberculin Tested	...	...	...	...	...	2
Number of Retailers licensed by the City to bottle Tuberculin Tested Milk	...	...	...	...	...	1
Number of Producers licensed by County Council to produce Accredited milk	...	...	...	...	...	1
Number of Retail Purveyors licensed by the City to sell Pasteurised milk	...	...	...	...	...	1

22 samples were examined at the Public Health Laboratory, Hereford, with the following results :—

<i>Designation.</i>	<i>No. of Samples</i>	<i>Complied with provisions of the Order.</i>	<i>Failed to comply with provisions of the Order.</i>
Tuberculin Tested ... ..	13	9	4
Accredited ... ..	5	4	1
Pasteurised ... ..	2	2	—
Heat Treated ... ..	2	1	1
Total ... ..	22	16	6

#### BACTERIOLOGICAL EXAMINATION OF MILK.

Fifteen samples of milk were submitted to the Clinical Research Association Ltd., for complete bacteriological examination. No Tubercle Bacilli were found in any of the samples.

#### ICE CREAM.

The manufacture of ice cream is governed by the Ice Cream (Heat Treatment, etc.) Regulations, 1947. During the year 18 persons were selling ice cream in the City, 12 of whom were manufacturers. 27 samples were submitted to the Public Health Laboratory Service, and the Bacteriologist graded the samples as follows :—

8 in Provisional Grade 1  
5 in Provisional Grade 2  
8 in Provisional Grade 3  
6 in Provisional Grade 4

This provisional grading is based on the time in which Methylene Blue is decolourised, and is recommended by the Ministry of Health as a temporary method of testing the cleanliness of the product.

In all cases where the grading was 3 or 4 special inspections were made to assist in obtaining better results.

All manufacturers of ice cream have been advised about the requirements of the Ice Cream (Heat Treatment, etc.) Regulations, 1947. The Regulations specify two methods of manufacture, viz.: “ Hot Mix ” and “ Cold Mix ” and special Heat Treatment and Cooling Plant is necessary to carry out the Hot Mix process.

#### MEAT AND OTHER FOODS.

Number of butcher's shops in the City	...	...	36
Number of Preserved Food preparing premises under Private Act	...	...	39
Number of fish-fryer's premises in the City	...	...	11

There are no private slaughterhouses in the City and the Public Abattoir is occupied by the Ministry of Food. The provisions of the Slaughter of Animals Act, 1933, are strictly enforced.

## FOOD TRANSPORT.

The transport of food is controlled by the City Bye-law and the Public Health (Meat) Regulations 1924. Constant supervision of vehicles was maintained.

## CARCASSES INSPECTED AND PROPORTION CONDEMNED FOR TUBERCULOSIS AND OTHER CONDITION AT THE CITY ABATTOIR, STONEBOW ROAD.

	<i>Beeves.</i>	<i>Calves.</i>	<i>Sheep and Lambs.</i>	<i>Pigs.</i>
Number killed ... ..	3,706	2,491	12,961	740
Number inspected ... ..	3,822	2,494	13,168	745
<i>All Diseases except Tuberculosis—</i>				
Whole carcasses condemned ...	72	24	111	4
Carcasses of which some part or organ was condemned ... ..	1,583	25	1,438	35
Percentage of the number inspected affected with disease other than T.B. ... ..	43.30%	1.96%	11.76%	5.23%
<i>Tuberculosis only—</i>				
Whole carcasses condemned ...	51	4	—	2
Carcasses of which some part or organ was condemned ... ..	206	—	—	20
Percentage of the number inspected affected with Tuberculosis ...	6.72%	0.16%	—	2.95%

## WEIGHT OF DISEASED AND UNSOUND MEAT CONDEMNED.

	<i>Tons</i>	<i>cwts.</i>	<i>qrs.</i>	<i>lbs.</i>
Home Killed ... ..	52	5	3	0
Imported ... ..	1	6	—	25

The whole of this meat was put through the Ministry of Food channels for processing and recovery purposes.

In addition to the City the following County districts are supplied with meat from the Abattoir—Hereford, Bromyard, Dore and Bredwardine, Ledbury, Ross-on-Wye. The whole population served is approximately 65,700.



## OTHER FOODS INSPECTED AND SURRENDERED.

			<i>Tons</i>	<i>cwts.</i>	<i>qrs.</i>	<i>lbs.</i>
Meat Products	...	...	0	1	1	27½
Various Canned Foods	...	...	2	17	1	8¾
Jam and Syrup	...	...	0	3	0	1
Flour Products	...	...	3	8	0	8
Cheese	...	...	0	0	0	27
Butter and Margarine	...	...	0	0	2	16½
Bacon	...	...	0	3	0	10
Cereals	...	...	0	1	1	3
Sugar Confectionery	...	...	0	0	0	12¾
Ice Cream Powder	...	...	0	4	0	8
Fruit Cake	...	...	0	0	3	23
Wet Fish	...	...	1	6	3	22
Cured Fish	...	...	0	18	0	26
Shell Fish	...	...	0	0	3	3½
Vegetables	...	...	11	7	3	3
Fresh Fruit	...	...	0	11	0	9
Dried Fruit	...	...	0	3	2	23½
Miscellaneous Foodstuffs			0	0	3	13
Total			21	9	2	21½

Where possible all condemned foods are salvaged for re-processing or use as animal feeding stuffs.

## RECORD OF INSPECTIONS.

Meat Inspections at Abattoir	...	...	...	558
Inspections of other Food	...	...	...	324
Inspections of Food Preparation Premises, etc., including Bakehouses	...	...	...	463
Inspections of Dairies and Cowsheds	...	...	...	64

## FOOD AND DRUGS ACT, 1938.

**SAMPLING OFFICER'S REPORT.**

The following table shows the number and nature of the articles submitted to the Public Analyst during the year and the result of the analysis :



<i>Article</i>	<i>No. Submitted</i>		<i>No. Genuine</i>		<i>No. Adulterated</i>	
	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>	<i>Formal</i>	<i>Inf.</i>
Almond Spread ...	—	1	—	1	—	—
Apple Juice ...	—	1	—	1	—	—
Baking Powder ...	—	3	—	3	—	—
Banana Barley Pudding ...	—	1	—	1	—	—
Crystal Quench ...	1	1	—	—	1	1
Fish Cakes ...	1	—	1	—	—	—
Fish Pastes ...	—	3	—	3	—	—
Fruit Cake ...	4	—	4	—	—	—
Fruit Laxative ...	—	1	—	1	—	—
Gelatine Powder ...	—	1	—	1	—	—
Golden Raising Powder ...	—	1	—	1	—	—
Ice Cream Powder ...	2	—	2	—	—	—
Jelly Mould ...	1	—	1	—	—	—
Liquid Paraffin ...	—	1	—	1	—	—
Malt Cup ...	—	1	—	1	—	—
Meat Pastes ...	—	1	—	1	—	—
Milk ...	35	1	35	1	—	—
Mixed Spice ...	—	1	—	1	—	—
Rum ...	2	—	2	—	—	—
Saccharin ...	—	3	—	3	—	—
Salami Sausage ...	1	—	1	—	—	—
Soya Flour ...	4	—	4	—	—	—
Vitamin Preparations	—	6	—	6	—	—
Whale Meat Sausage	1	—	—	—	1	—
Whisky ...	3	—	3	—	—	—
White Pepper ...	—	1	—	1	—	—
	55	28	53	27	2	1
Total ...	83		80		3	

## OBSERVATIONS.

INFORMAL SAMPLE NO. 49—CRYSTAL QUENCH (BLACKCURRANT).

FORMAL SAMPLE NO. 51—CRYSTAL QUENCH (BLACKCURRANT).

Alleged non-compliance with Article 2 S.R. & O. 1946 No. 2169, "The Labelling of Food Order" resulting in correspondence with the wholesale suppliers, who quoted letters from the Ministry of Food, and stated that by the sale of Crystal Quench in tablet form, the objections to the label had been removed.

FORMAL SAMPLE NO. 78—WHALE MEAT SAUSAGE.

Alleged offence against "The Public Health (Preservatives, etc., in Food) Regulations" by omitting to indicate that the sausages contained preservative. Warning letter sent to the vendors.

## SECTION F.

**PREVALENCE AND CONTROL OVER INFECTIOUS AND OTHER DISEASES.**

## DIPHTHERIA IMMUNISATION.

During the year 1947, 366 children (202 boys and 164 girls) were completely immunised, and 59 children (30 boys and 29 girls) partly immunised at 52 sessions.

There was 1 case of Diphtheria in immunised children during the year.

## PATHOLOGICAL EXAMINATIONS.

	<i>Positive.</i>	<i>Negative.</i>	<i>Total.</i>
Nose and throat swabs for Diphtheria Bacilli (K.L.B.) ... ..	14	211	225
Nose and throat swabs for Haemolytic Streptococci ... ..	92	69	161
Sputa for Tubercle Bacilli ... ..	43	180	223
Swabs for Vincent's Organism ... ..	7	144	151
Faeces and Urine ... ..	—	5	5

## DISINFECTION.

The following are particulars of disinfection of rooms and bedding after infectious or other diseases :—

	<i>Room.</i>	<i>Bedding.</i>
Scarlet Fever ... ..	66	66
Diphtheria ... ..	5	5
Tuberculosis ... ..	7	7
Acute Anterior Poliomyelitis ... ..	2	2
	—	—
	80	80
	—	—

Library books have been disinfected and returned for circulation.

Several lots of bedding have been destroyed on requests from the owners. When necessary, disinfectant was supplied to individuals and Elementary Schools.

The following table shows the incidence of infectious disease in the six wards of the City.

		<i>Bartonsham.</i>	<i>Central.</i>	<i>Holmer.</i>	<i>St. Martins.</i>	<i>St. Nicholas.</i>	<i>Tupsley.</i>
Scarlet Fever	...	16	14	16	12	10	11
Diphtheria	...	2	1	2	1	—	5
Cerebro-Spinal Fever		3	—	—	—	—	3
Pneumonia	...	3	1	5	1	1	15
Erysipelas	...	—	2	1	—	—	1
Puerperal Pyrexia	...	1	—	1	—	1	8
Measles	...	66	18	49	39	12	40
Whooping Cough	...	2	—	5	4	2	3
Ophthalmia Neonatorum		2	1	2	1	—	—
Dysentery	...	1	—	—	—	—	—
Acute Anterior Polio- myelitis	...	2	2	1	2	—	2
Malaria	...	—	—	—	—	—	1
Paratyphoid B	...	—	—	—	—	—	1

## TUBERCULOSIS.

No action was necessary during the year under the Public Health (Prevention of Tuberculosis) Regulations 1925 (relating to persons suffering from Pulmonary Tuberculosis employed in the Milk Trade), or under Section 172 of the Public Health Act, 1936 (relating to the compulsory removal to Hospital of persons suffering from Tuberculosis).

## NEW CASES AND MORTALITY DURING 1947.

<i>Age Period</i>	<i>New</i>				<i>Deaths</i>			
	<i>Respiratory</i>		<i>Non-Respiratory</i>		<i>Respiratory</i>		<i>Non-Respiratory</i>	
	M.	F.	M.	F.	M.	F.	M.	F.
Under 1 year	—	—	—	—	—	—	—	—
1—5 years	1	1	2	—	—	—	—	—
5—15 years	1	2	1	1	1	—	—	—
15—25 years	8	11	1	—	1	—	—	—
25—35 years	2	8	—	—	3	—	—	—
35—45 years	3	2	1	—	2	—	—	—
45—55 years	6	2	—	1	2	—	—	—
55—65 years	1	—	—	—	—	2	—	—
65 and upwards...	1	2	—	—	—	—	—	—
Totals	23	28	5	2	9	2	—	—

## PREVENTION OF BLINDNESS.

No action has been taken under Section 176 of the Public Health Act, 1936.

## OPHTHALMIA NEONATORUM.

<i>Cases</i>			<i>Vision Unimpaired</i>	<i>Vision Impaired</i>	<i>Total Blindness</i>	<i>Deaths</i>
<i>Notified</i>	<i>Treated</i>					
	<i>At Home</i>	<i>In Hospital</i>				
<b>6</b>	<b>6</b>	—	<b>6</b>	—	—	—

All the cases attended at the Victoria Eye Hospital daily for treatment.



**NOTIFIABLE DISEASE (OTHER THAN TUBERCULOSIS) DURING 1947.**

[illegible]

## CITY OF HEREFORD.

DEATHS FROM ALL CAUSES, 1947.  
WARDS

## AGES IN YEARS

	0 to 1	1 to 2	2 to 3	3 to 4	4 to 5	5 to 10	10 to 15	15 to 20	20 to 25	25 to 35	35 to 45	45 to 55	55 to 65	65 to 75	75 to 85	85 and up	Totals			Barton- sham.	Central.	Holmer.	St. Martins.	St. Nicholas.	Tusley.
																	M.	F.	T'tl.						
1. Typhoid ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
2. Cerebro Spinal Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
3. Scarlet Fever ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
4. Whooping Cough ...	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
5. Diphtheria ...	—	—	—	—	—	—	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
6. Tuberculosis (Pulmonary) ...	—	—	—	—	—	—	—	2	—	—	2	3	2	—	—	—	1	3	12	1	—	—	1	2	1
7. Other Forms of Tuberculosis ...	1	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	2	1	3	1	—	—	1	1	—
8. Syphilitic Disease ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	—	—	—	—	—
9. Influenza ...	—	—	—	—	—	—	—	—	—	—	—	—	2	1	—	—	1	2	3	—	—	—	—	—	—
10. Measles ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
11. Acute Poliomyelitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
12. Encephalitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
13. Cancer, Uterus, Bucal Cavity and Oesophagus ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
14. Cancer of Stomach ...	—	—	—	—	—	—	—	—	—	—	—	1	2	1	—	—	2	4	4	2	—	1	—	1	—
15. Cancer of Breast ...	—	—	—	—	—	—	—	—	—	—	—	1	1	2	1	—	1	4	5	1	—	2	—	—	—
16. Cancer of all other Sites ...	—	—	—	—	—	—	—	—	—	—	—	7	9	9	13	2	—	6	6	3	1	5	14	6	1
17. Diabetes ...	—	—	—	—	—	—	—	—	—	—	—	—	1	1	—	—	22	21	43	1	—	1	—	—	—
18. Intracranial Vascular Lesions ...	—	—	—	—	—	—	—	—	—	—	—	16	13	24	1	4	30	28	58	21	3	11	16	6	1
19. Heart Disease ...	—	—	—	—	—	—	—	—	—	—	—	14	16	36	30	6	52	58	110	38	7	6	40	16	3
20. Other Diseases of the Circulatory System ...	—	—	—	—	—	—	—	—	1	4	3	2	3	6	—	—	9	5	14	3	1	3	4	1	2
21. Bronchitis ...	—	—	—	—	—	—	—	—	—	—	3	1	3	2	4	—	8	5	13	4	—	2	5	1	1
22. Pneumonia ...	3	—	1	—	—	—	—	—	—	—	—	2	—	3	6	—	5	10	15	6	2	3	3	1	—
23. Other Respiratory Diseases ...	—	—	—	—	—	—	—	—	—	—	—	—	1	—	1	—	5	2	2	2	1	—	—	—	—
24. Duodenal Ulcer ...	—	—	—	—	—	—	—	—	—	—	—	4	—	2	3	—	7	2	9	3	1	2	1	2	—
25. Diarrhoea (under 2 years) ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
26. Appendicitis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
27. Other Digestive Diseases ...	—	—	—	—	—	—	—	—	—	—	—	1	2	3	—	—	2	6	8	2	—	1	3	1	1
28. Nephritis ...	—	—	—	—	—	—	—	—	—	—	2	—	—	9	10	—	14	8	22	9	2	4	6	1	—
29. Puerperal Sepsis ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
30. Other Maternal Causes ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—
31. Premature Birth ...	4	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	1	3	4	1	—	1	2	—	—
32. Congenital Malformation ...	13	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	8	5	13	3	1	3	3	1	1
33. Suicide ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	4	2	6	2	—	1	1	1	—
34. Road Traffic Accidents ...	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	—	3	1	4	1	—	—	2	1	—
35. Other Violent Causes ...	—	—	—	—	—	—	—	—	—	—	—	2	1	4	—	—	8	5	13	7	1	1	3	1	—
36. All Other Causes ...	—	—	—	—	—	—	—	—	—	—	—	—	2	6	18	1	18	9	27	8	2	4	5	5	3
Totals ...	21	—	1	—	—	—	2	3	4	16	18	57	59	112	89	15	208	189	397	135	23	54	118	52	15



